I claim:

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1. A method of generating optical emissions from metallic point sources, comprising the steps of:

forming micron-size droplets containing nano-size particles;

passing the droplets into individual target sources;

irradiating the individual target sources with a laser beam having substantially

identical diameter to each of the individual droplets; and

producing optical emissions from the irradiated target sources.

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2. The method of claim 1, wherein the droplets include: nano particles of metals in a liquid.

3. The method of claim 2, wherein the liquid is selected from at least one of:

H2O, oil, oleates, soapy solutions, and alcohol.

- 4. The method of claim 2, wherein the droplets include:
 Tin(Sn) nano-particles in the liquid.
- 20 5. The method of claim 2, wherein the droplets include:

 Copper(Cu) nano-particles in the liquid.
 - 6. The method of claim 2, wherein the droplets include: Zinc(Zn) nano-particles in the liquid.

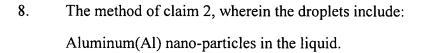
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7. The method of claim 2, wherein the droplets include: Gold(Au) nano-particles in the liquid.

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- 5 9. The method of claim 2, wherein the droplets include:
 Bismuth(Bi) nano-particles in the liquid.
 - 10. The method of claim 1, wherein the room temperature includes: approximately 10 degrees to approximately 30 degrees C.

11. The method of claim 1, wherein the optical emissions include: EUV emissions.

- 12. The method of claim 1, wherein the optical emissions include: XUV emissions.
- 13. The method of claim 1, wherein the optical emissions include:X-ray emissions.
- 20 14. The method of claim 1, wherein the optical emissions include: wavelengths of approximately 11.7 nm.
 - 15. The method of claim 1, wherein the optical emissions include: wavelengths of approximately 13 nm.
 - 16. The method of claim 1, wherein the optical emissions include: wavelength ranges of approximately 0.1 nm to approximately 100 nm.

- 17. The method of claim 1, wherein the optical emissions include: wavelength ranges of approximately 0.5 nm to approximately 1.5 nm.
- 5 18. The method of claim 1, wherein the optical emissions include: wavelength ranges of approximately 2.3 nm to approximately 4.5 nm.

